

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/913,772

CRF Processing Date: 1/2003

Edited by: AK

Verified by: AK

RECEIVED
(STIC stamp)

APR 15 2003

TECH CENTER 1600/2900

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



RAW SEQUENCE LISTING

DATE: 04/10/2003

PATENT APPLICATION: US/09/913,772

TIME: 10:27:20

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\04102003\I913772.raw

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3 <110> APPLICANT: RENNO Toufic
4   BONNEFOY Jean-Yves
6 <120> TITLE OF INVENTION: USE OF AN ENTEROBACTERIUM OmpA PROTEIN ASSOCIATED WITH AN
7   ANTIGEN FOR GENERATING AN ANTIVIRAL, ANTIPARASITIC OR
8   ANTITUMORAL CYTOTOXIC RESPONSE
10 <130> FILE REFERENCE: D 17921
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/913,772
C--> 13 <141> CURRENT FILING DATE: 2001-08-16
15 <150> PRIOR APPLICATION NUMBER: FR 99 01917
16 <151> PRIOR FILING DATE: 1999-02-17
18 <160> NUMBER OF SEQ ID NOS: 4
20 <170> SOFTWARE: PatentIn Ver. 2.1
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 1035
24 <212> TYPE: DNA
25 <213> ORGANISM: Klebsiella pneumoniae
27 <220> FEATURE:
28 <221> NAME/KEY: exon
29 <222> LOCATION: (1)..(1032)
31 <220> FEATURE:
32 <221> NAME/KEY: intron
33 <222> LOCATION: (1033)..(1035)
35 <220> FEATURE:
36 <221> NAME/KEY: CDS
37 <222> LOCATION: (1)..(1032)
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41 Met Lys Ala Ile Phe Val Leu Asn Ala Ala Pro Lys Asp Asn Thr Trp
42 1      5      10      15
44 tat gca ggt ggt aaa ctg ggt tgg tcc cag tat cac gac acc ggt ttc      96
45 Tyr Ala Gly Gly Lys Leu Gly Trp Ser Gln Tyr His Asp Thr Gly Phe
46      20      25      30
48 tac ggt aac ggt ttc cag aac aac aac ggt ccg acc cgt aac gat cag      144
49 Tyr Gly Asn Gly Phe Gln Asn Asn Asn Gly Pro Thr Arg Asn Asp Gln
50      35      40      45
52 ctt ggt gct ggt gcg ttc ggt ggt tac cag gtt aac ccg tac ctc ggt      192
53 Leu Gly Ala Gly Ala Phe Gly Gly Tyr Gln Val Asn Pro Tyr Leu Gly
54      50      55      60
56 ttc gaa atg ggt tat gac tgg ctg ggc cgt atg gca tat aaa ggc agc      240
57 Phe Glu Met Gly Tyr Asp Trp Leu Gly Arg Met Ala Tyr Lys Gly Ser
58 65      70      75      80
60 gtt gac aac ggt gct ttc aaa gct cag ggc gtt cag ctg acc gct aaa      288
61 Val Asp Asn Gly Ala Phe Lys Ala Gln Gly Val Gln Leu Thr Ala Lys

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Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\04102003\I913772.raw

62		85		90		95	
64	ctg ggt tac ccg atc act gac gat ctg gac atc tac acc cgt ctg ggc						336
65	Leu Gly Tyr Pro Ile Thr Asp Asp Leu Asp Ile Tyr Thr Arg Leu Gly						
66		100		105		110	
68	ggc atg gtt tgg cgc gct gac tcc aaa ggc aac tac gct tct acc ggc						384
69	Gly Met Val Trp Arg Ala Asp Ser Lys Gly Asn Tyr Ala Ser Thr Gly						
70		115		120		125	
72	gtt tcc cgt agc gaa cac gac act ggc gtt tcc cca gta ttt gct ggc						432
73	Val Ser Arg Ser Glu His Asp Thr Gly Val Ser Pro Val Phe Ala Gly						
74		130		135		140	
76	ggc gta gag tgg gct gtt act cgt gac atc gct acc cgt ctg gaa tac						480
77	Gly Val Glu Trp Ala Val Thr Arg Asp Ile Ala Thr Arg Leu Glu Tyr						
78	145		150		155		160
80	cag tgg gtt aac aac atc ggc gac gcg ggc act gtg ggt acc cgt cct						528
81	Gln Trp Val Asn Asn Ile Gly Asp Ala Gly Thr Val Gly Thr Arg Pro						
82		165		170		175	
84	gat aac ggc atg ctg agc ctg ggc gtt tcc tac cgc ttc ggt cag gaa						576
85	Asp Asn Gly Met Leu Ser Leu Gly Val Ser Tyr Arg Phe Gly Gln Glu						
86		180		185		190	
88	gat gct gca ccg gtt gtt gct ccg gct ccg gct ccg gct ccg gaa gtg						624
89	Asp Ala Ala Pro Val Val Ala Pro Ala Pro Ala Pro Ala Pro Glu Val						
90		195		200		205	
92	gct acc aag cac ttc acc ctg aag tct gac gtt ctg ttc aac ttc aac						672
93	Ala Thr Lys His Phe Thr Leu Lys Ser Asp Val Leu Phe Asn Phe Asn						
94		210		215		220	
96	aaa gct acc ctg aaa ccg gaa ggt cag cag gct ctg gat cag ctg tac						720
97	Lys Ala Thr Leu Lys Pro Glu Gly Gln Gln Ala Leu Asp Gln Leu Tyr						
98	225		230		235		240
100	act cag ctg agc aac atg gat ccg aaa gac ggt tcc gct gtt gtt ctg						768
101	Thr Gln Leu Ser Asn Met Asp Pro Lys Asp Gly Ser Ala Val Val Leu						
102		245		250		255	
104	ggc tac acc gac cgc atc ggt tcc gaa gct tac aac cag cag ctg tct						816
105	Gly Tyr Thr Asp Arg Ile Gly Ser Glu Ala Tyr Asn Gln Gln Leu Ser						
106		260		265		270	
108	gag aaa cgt gct cag tcc gtt gtt gac tac ctg gtt gct aaa ggc atc						864
109	Glu Lys Arg Ala Gln Ser Val Val Asp Tyr Leu Val Ala Lys Gly Ile						
110		275		280		285	
112	ccg gct ggc aaa atc tcc gct cgc ggc atg ggt gaa tcc aac ccg gtt						912
113	Pro Ala Gly Lys Ile Ser Ala Arg Gly Met Gly Glu Ser Asn Pro Val						
114		290		295		300	
116	act ggc aac acc tgt gac aac gtg aaa gct cgc gct gcc ctg atc gat						960
117	Thr Gly Asn Thr Cys Asp Asn Val Lys Ala Arg Ala Ala Leu Ile Asp						
118	305		310		315		320
120	tgc ctg gct ccg gat cgt gta gag atc gaa gtt aaa ggc tac aaa						1008
121	Cys Leu Ala Pro Asp Arg Arg Val Glu Ile Glu Val Lys Gly Tyr Lys						
122		325		330		335	
124	gaa gtt gta act cag ccg gcg ggt taa						1035
125	Glu Val Val Thr Gln Pro Ala Gly						
126		340					

RAW SEQUENCE LISTING

DATE: 04/10/2003

PATENT APPLICATION: US/09/913,772

TIME: 10:27:20

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\04102003\I913772.raw

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129 <210> SEQ ID NO: 2
130 <211> LENGTH: 344
131 <212> TYPE: PRT
132 <213> ORGANISM: Klebsiella pneumoniae
134 <400> SEQUENCE: 2
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136   1           5           10           15
138 Tyr Ala Gly Gly Lys Leu Gly Trp Ser Gln Tyr His Asp Thr Gly Phe
139           20           25           30
141 Tyr Gly Asn Gly Phe Gln Asn Asn Gly Pro Thr Arg Asn Asp Gln
142           35           40           45
144 Leu Gly Ala Gly Ala Phe Gly Gly Tyr Gln Val Asn Pro Tyr Leu Gly
145           50           55           60
147 Phe Glu Met Gly Tyr Asp Trp Leu Gly Arg Met Ala Tyr Lys Gly Ser
148   65           70           75           80
150 Val Asp Asn Gly Ala Phe Lys Ala Gln Gly Val Gln Leu Thr Ala Lys
151           85           90           95
153 Leu Gly Tyr Pro Ile Thr Asp Asp Leu Asp Ile Tyr Thr Arg Leu Gly
154           100          105          110
156 Gly Met Val Trp Arg Ala Asp Ser Lys Gly Asn Tyr Ala Ser Thr Gly
157           115          120          125
159 Val Ser Arg Ser Glu His Asp Thr Gly Val Ser Pro Val Phe Ala Gly
160           130          135          140
162 Gly Val Glu Trp Ala Val Thr Arg Asp Ile Ala Thr Arg Leu Glu Tyr
163 145           150          155          160
165 Gln Trp Val Asn Asn Ile Gly Asp Ala Gly Thr Val Gly Thr Arg Pro
166           165          170          175
168 Asp Asn Gly Met Leu Ser Leu Gly Val Ser Tyr Arg Phe Gly Gln Glu
169           180          185          190
171 Asp Ala Ala Pro Val Val Ala Pro Ala Pro Ala Pro Ala Pro Glu Val
172           195          200          205
174 Ala Thr Lys His Phe Thr Leu Lys Ser Asp Val Leu Phe Asn Phe Asn
175   210          215          220
177 Lys Ala Thr Leu Lys Pro Glu Gly Gln Gln Ala Leu Asp Gln Leu Tyr
178 225          230          235          240
180 Thr Gln Leu Ser Asn Met Asp Pro Lys Asp Gly Ser Ala Val Val Leu
181           245          250          255
183 Gly Tyr Thr Asp Arg Ile Gly Ser Glu Ala Tyr Asn Gln Gln Leu Ser
184           260          265          270
186 Glu Lys Arg Ala Gln Ser Val Val Asp Tyr Leu Val Ala Lys Gly Ile
187           275          280          285
189 Pro Ala Gly Lys Ile Ser Ala Arg Gly Met Gly Glu Ser Asn Pro Val
190           290          295          300
192 Thr Gly Asn Thr Cys Asp Asn Val Lys Ala Arg Ala Ala Leu Ile Asp
193 305          310          315          320
195 Cys Leu Ala Pro Asp Arg Arg Val Glu Ile Glu Val Lys Gly Tyr Lys
196           325          330          335
198 Glu Val Val Thr Gln Pro Ala Gly
199           340

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RAW SEQUENCE LISTING

DATE: 04/10/2003

PATENT APPLICATION: US/09/913,772

TIME: 10:27:20

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\04102003\I913772.raw

203 <210> SEQ ID NO: 3
204 <211> LENGTH: 10
205 <212> TYPE: PRT
206 <213> ORGANISM: Homo sapiens
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Peptide derived from the Mart-1/MelanA antigen expressed by
210 melanoma cells.
212 <400> SEQUENCE: 3
213 Glu Leu Ala Gly Ile Gly Ile Leu Thr Val
214 1 5 10
217 <210> SEQ ID NO: 4
218 <211> LENGTH: 8
219 <212> TYPE: PRT
220 <213> ORGANISM: Homo sapiens
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Derivative of tyrosinase-related protein 2 (TRP-2).
225 <400> SEQUENCE: 4
226 Val Tyr Asp Phe Phe Val Trp Leu
227 1 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/913,772

DATE: 04/10/2003

TIME: 10:27:21

Input Set : A:\PTO.AMC.TXT

Output Set: N:\CRF4\04102003\I913772.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date



1600

RAW SEQUENCE LISTING

DATE: 04/08/2003

PATENT APPLICATION: US/09/913,772

TIME: 12:19:17

Input Set : A:\Pf94seq.txt

Output Set: N:\CRF4\04082003\I913772.raw

3 <110> APPLICANT: RENNO Toufic
 4 BONNEFOY Jean-Yves
 6 <120> TITLE OF INVENTION: USE OF AN ENTEROBACTERIUM OmpA PROTEIN ASSOCIATED WITH AN
 7 ANTIGEN FOR GENERATING AN ANTIVIRAL, ANTIPARASITIC OR
 8 ANTITUMORAL CYTOTOXIC RESPONSE
 10 <130> FILE REFERENCE: D 17921
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/913,772
 C--> 13 <141> CURRENT FILING DATE: 2001-08-16
 15 <150> PRIOR APPLICATION NUMBER: FR 99 01917
 16 <151> PRIOR FILING DATE: 1999-02-17
 18 <160> NUMBER OF SEQ ID NOS: 4
 20 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

217 <210> SEQ ID NO: 4
 218 <211> LENGTH: 8
 219 <212> TYPE: PRT
 220 <213> ORGANISM: Homo sapiens
 222 <220> FEATURE:
 223 <223> OTHER INFORMATION: Derivative of tyrosinase-related protein 2 (TRP-2).
 225 <400> SEQUENCE: 4
 226 Val Tyr Asp Phe Phe Val Trp Leu
 227 1 5
 E--> 230 1
 E--> 232 1

Does Not Comply
Corrected Diskette Needed

VERIFICATION SUMMARY

DATE: 04/08/2003

PATENT APPLICATION: US/09/913,772

TIME: 12:19:18

Input Set : A:\Pf94seq.txt

Output Set: N:\CRF4\04082003\I913772.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:230 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:4

M:332 Repeated in SeqNo=4